NUTRIPATH

Microbiome Health

TRANSGLUTAMINASE IgA - Test Code 2016

Turnaround Time: 3-5 business days

Specimen Type: Stool Kit

Description

Faecal anti-tissue transglutaminase IgA antibodies can indicate an immune system response when gluten is consumed. This reaction can trigger an autoimmune response that may damage bodily tissues, particularly the intestinal lining. Recent research shows that testing stool for antibodies related to gluten may be more effective at detecting gluten-related immune reactions than traditional blood tests (Fang, 2023).

A positive result for faecal anti-tissue transglutaminase IgA antibodies, which are produced directly in the intestines, indicates a specific immune response to gluten in the digestive system (Fang, 2023). Interestingly, these antibodies may be present even when serum tests show negative results, particularly in cases where there is no significant damage to the intestinal lining which is typically associated with coeliac disease (Fang, 2023). This suggests that immune and inflammatory responses to gluten can occur without overt gut damage or elevated serum antibody levels.

Evaluating intestinal gluten antibodies may capture immune reactions that could arise before any traditional serum tests are able to identify them. By identifying these reactions early, clinicians may be able to provide timely interventions for patients experiencing gluten intolerance or potential coeliac disease (Fang, 2023).

Whats included?

- Transglutaminase IgA

Conditions and Symptoms

- Digestive symptoms after ingesting gluten
- Flatulence
- Abdominal pain
- Bloating
- Diarrhoea
- Constipation
- Non-invasive screening for Coeliac disease
- Early detection of gluten sensitivity

Complementary Testing

- CDSA Level 1 (Test code 2003)
- IgG 96 General Western Food Panel (Test code 3206)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*

info@nutripath.com.au

1300 688 522

www.nutripath.com.au

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*See NATA and CLIA website for further details